

# PROGRESS REPORT ON OPEN PROJECTS

November 2006

GRANTEE	DATE APPROVED	GRANT AMOUNT	ENGINEER	OWNER'S REPRESENTATIVE	LAST STAFF SITE VISIT	PROGRESS
Walker Lake	12/10/97	\$1,143,447.00	Eric Byer	Mark Nixon	Jan-06	Land for the new well has been promised by the U.S. Army Corps of Engineers to the District. The District is attempting to secure other federal funding to cover the cost of the well construction. No further progress has been reported.
Gerlach	8/29/01	\$840,910.84	ECO:LOGIG/ Farr West	Victoria Williams	Aug-06	Construction of the treatment plant is complete and the plant is on-line. Staff did a final walk-through of the project on August 17, 2006. Currently, sampling is being conducted through TMWA to determine the frequency of backwash. Analyses show a complete removal of uranium after the first stage ion exchange.
Storey Co for Virginia City	8/29/01	\$1,503,096.00	CSA	Marylou Waling	Sep-06	The cultural survey revealed artifacts that have limited the potential area that the BLM approved for construction. The project will now install only one unfinished water tank instead of the two tanks that were previously planned. CSA bid the job and received a single bid of \$1.644 million for a welded tank and necessary site improvements. The commission rejected the bid as they did not have funding beyond \$1 million. CSA bid a smaller unfinished bolted water tank design in October 2006.
City of Caliente	3/14/02	\$2,021,314.72	Amec	Bryan Elkins	Mar-06	The additional grant funds approved by the Board in May 2005 were deobligated in the August 2006 Board meeting. Caliente will provide a project update at the November 2006 Board meeting.
Walker River Irrigation District	3/13/02	\$4,262,750.00	Farr West	Ken Spooner	Sep-06	The project was initially bid; however, the low bidder could not get bonded. WRID is acting as the general contractor for this job. The District will do some of the work themselves and bid the earthwork and concrete as separate jobs. Bids received 10/4/06 for the two project segments came in \$2,265,000 over engineering estimates. WRID will update the Board at the November 2006 Board meeting.

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Kingsbury GID	6/26/02	\$5,099,853.00	Amec	Candy Rohr	Aug-06	<p>KGID was awarded additional grant funding at the August 2006 Board meeting to complete Phase 1 of the project. KGID will provide the Board with an update by February 2007 on their plan for metering the entire system.</p> <p>The 2006 (Phase 1D) Waterline Replacement Project was 88% complete as of September 30, 2006 and substantial completion is expected by October 15, 2006.</p> <p>A large portion of the waterline replacement work scheduled for construction in 2007 is designed and has a permit through TRPA. KGID expects to conduct an early bid process with award anticipated in February or March 2007. Construction is anticipated to start May 1, 2007. Due to private party easements needed in the Palady-Perkins Tract, waterline replacements in this area will be bid separately to avoid delays in bidding on the larger project.</p> <p>KGID is focusing its energy on obtaining a new tank site for Tank 10B. A likely site has been identified and approval will be sought from the USFS and Heavenly Ski Resort, which share control of the property. If approval does not appear promising, the district will pursue replacement of existing Tank 10A. The district's preferred alternative is to construct a new Tank 10B while Tank 10A is still on line.</p>
McGill	9/19/02	\$476,018.00	Day Engineering	Dean Day		Although costs have increased, it appears that they will be absorbed by the grantee. The well and well building were approved by BSDW in June 2006. Contractors have installed 100+ meters to date.
Battle Mountain	12/5/02	\$3,065,768.71	Shaw Engineering	Roger Sutton	Aug-06	The project is currently in progress and slightly ahead of schedule. Shaw's inspectors provide daily reports with photos of the construction progress.
Wells	12/5/02	\$1,102,310.09	TRW Engineering	Jolene Supp	Jul-06	The installation of the pump house is currently in progress.

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Hawthorne PER	12/16/04	\$42,500.00	Farr West	Steve Gustafson		The water audit is complete. The master plan has been completed, including the background, existing conditions, proposed improvements, mapping, water rate analysis, and environmental information. A water model is also apparently complete. The County is asking for additional information to be addressed regarding the old Babbitt area, as a large development may be relocating to the area and may put a strain on existing infrastructure. The post-PER work has yet to be accomplished, such as the environmental report and applications for funding.
Elko Co for Jarbidge	12/16/03	\$1,287,700.70	Stantec	Lynn Forsberg		The treatment plant is complete and in operation. Certification of the plant is currently in progress. Particle counts are on-going with some fine tuning of the system as necessary.
Washoe Co for Heppner Subdivision	3/31/04	\$1,280,300.00	Washoe County	John Nelson		<p>Heppner Waterline Extensions Phase 1-3 are complete. The County acquired the Grant of Right-of-Way for the new storage tank site from the BLM and are proceeding with planning and design of the tank. Bids for Heppner Phase 5a will go before the Board of County Commissioners on October 10, 2006, to be awarded. The improvements to Lemmon Valley Well #8 are on hold until the tank is on line.</p> <p>The Vidler water importation project, a private project that will bring water from the southeast corner of Honey Lake to the northern rim of Lemmon Valley, appears to be moving into construction before the end of this year. This project may affect the storage tank in this grant project. Should the new water line run next to the subdivision, an interconnection could be made and apparently a new tank would not be necessary. However, a delay in the construction of the tank approved in the grant may incur additional costs.</p>
Churchill County	7/20/04	\$2,328,408.73	Brown & Caldwell/ V-Point	Eleanor Lockwood	May-06	The Sand Creek Well and new storage tank are complete. The County has pre-purchased the water treatment plant. The distribution system construction is apparently complete. Installation of the operations center and well house are in progress. Churchill County received additional grant funding at the August 2006 Board meeting and are seeking further grant funds at the November 2006 Board meeting.

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Lovelock Meadows	10/19/04	\$2,400,000.00	Farr West	Maurice Nelson		Plans were approved by the USDA, Bureau of Safe Drinking Water, City of Lovelock and NDOT. Bids opened August 9, 2006. Bids came in above the engineering estimate and a contract has not been awarded pending the acquisition of increased funding. The District secured additional loan and grant funds from the USDA and plans to request additional grant funding at the November 2006 Board meeting.
Nye Co for Manhattan PER	10/19/04	\$34,000.00	Day Engineering	Samson Yao		Nye County received additional grant funding at the November 2005 Board meeting to drill a test well in the area of a spring that has low arsenic. Day Engineering received the necessary permit from the USFS and the drilling should be completed in November.
Golconda GID	1/27/05	\$956,478.75	Farr West	Becky Trigg	Jul-06	The GID is still working with the BLM on permitting. Tri State Surveying completed the aerial photography. Maps and staking of the existing waterline from the pole creek spring to the distribution main in Golconda is complete. Engineering design is in progress.
Washoe Co for Spanish Springs	1/27/05	\$4,000,000.00	Washoe County	John Nelson		Final inspections on the Phase 1A sewer project are complete and the first connection was made from septic to sewer at the beginning of August. Washoe Co expects 212 connections associated with Phase 1A will connect in the next six months. 70 of those connections have been made to date.
Virgin Valley Water District	1/27/05	\$2,000,137.00	Brown, Collins & Associates	Mike Winters	Mar-06	The Scenic reservoir construction is complete, connected to distribution system, disinfected and connected to VVWD Well No. 30. The new coagulation-filtration arsenic treatment facilities are being redesigned to include lined infiltration ponds to handle the backwash water. It is expected that installation of the arsenic treatment facilities will begin in the fourth quarter 2006.

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Douglas Co for Sheridan Acres	4/27/05	\$1,258,933.56	Douglas County	Ron Roman	Jun-06	The well is installed and connected to the distribution system. The well house and carbon dioxide stripper are complete and on-line. Design of the water tank is complete and approved by the Bureau of Safe Drinking Water and Douglas County Building Department. Project bids for the remainder of the project were higher than engineering estimates. The County expects a 30-35% percent higher project cost. At this point, the County may award the remaining project elements piecewise and may be requesting further grant funding at the next Board meeting.
Goldfield Arsenic PER	8/04/05	\$29,750.00	Lumos	Susan Dudley		Three pilot tests, one bench test, and one computer simulation have been completed. A new titanium-based adsorptive media was just introduced by Dow Chemical and the local representative offered to pilot test for the City for no charge. The pilot test was done at the end of June. They are awaiting final test results prior to making their engineering recommendation. Coagulation-filtration, iron-based adsorptive media, lanthanum-based adsorptive media and titanium-based adsorptive media were all tested. A draft PER was due in August 2006. It appears that some potential non-treatment alternatives to the arsenic issues still need to be investigated.
Metropolis Irrigation District	1/25/06	\$489,467.40	Dyer Engineering	Vernon Dalton	Jul-06	Phase 1: engineering and permitting grant awarded by the Board in January 2006. The funding agreement will be signed when the matching funds from NDOT (or another source) are obtained. It is anticipated that NDOT will complete their process by August 2006.
Douglas Co for Cave Rock	1/25/06	\$476,089.25	Douglas Co	Ed Mason		Grant for the replacement of the Lower Cave Rock tank was awarded by the Board in January 2006. Engineering design is in progress.
Moundhouse PER	5/3/06	\$12,750.00	Farr West	Mike Workman		The PER is In progress. The County is working with the BLM for easements. Another engineering company is handling hydraulic modeling for the county.
Beatty Arsenic PER	5/3/06	\$51,850.00	Farr West	Jim Weeks		Water samples have been taken to get additional data on water quality. Arsenic treatment system vendors have been contacted in order to determine the feasibility of pilot testing.
Yerington Arsenic PER	5/3/06	\$47,600.00	Farr West	Dan Newell		Water samples have been taken to get additional data on water quality. Arsenic treatment system vendors have been contacted in order to determine the feasibility of pilot testing.

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Pershing Co Water Conservation District	5/3/06	\$3,956,282.50	Farr West  Dyer Engineering	Benny Hodges	Jul-06	The failure of the Rogers Dam in late July 2006 created an emergency need to reallocate grant funds to a cofferdam and design of a replacement for the Rogers Dam. The only other elements of this project that will proceed at this time are the replacement of the diversion structures for the Old Channel and Union Canals as they have match funding from the BOR for only the next year. The cofferdam was completed at the beginning of August. PCWCD will update the Board on the project at the November 2006 Board meeting.
Kingston GID	5/3/06	\$2,726,309.70	Day Engineering	Dean Day		Kingston is working on the Board's condition to develop a rate structure that will eliminate the negative operating income so that a funding agreement can be signed.
Pershing Co for the Town of Imlay	8/23/06	\$563,993.96	Farr West		Jul-06	
Stagecoach GID	8/23/06	\$2,210,089.19	Nichols Consulting	Lynn Arndell		
LVVWD for Searchlight	8/23/06	\$2,536,522.34	LVVWD	Shweta Bhatnagar		
Lyon Co Utilities for Crystal Clear	8/23/06	\$43,350.00	Farr West	Mike Workman		Water samples have been taken to get additional data on water quality. Arsenic treatment system vendors have been contacted in order to determine the feasibility of pilot testing.